

AMENDMENTS

In the specification:

Please amend the specification as follows, without disclaimer of any subject matter, prejudice to future prosecution, or presumption that the actions are taken for any reason related to patentability.

Please delete the Drawings as filed and insert therefore the enclosed corrected Drawings.

In the claims:

Please amend the claims as follows, without disclaimer of any subject matter, prejudice to future prosecution, or presumption that the actions are taken for any reason related to patentability.

A1
1. (Amended) An isolated, soluble, non-fibrillar amyloid β oligomeric structure comprising from about 13 to about 24 amyloid β 1-42 proteins.

2. (Amended) An isolated, oligomeric structure according to claim 1 wherein said oligomeric structure comprises 16-mer, 20-mer, or 24-mer aggregates of amyloid β proteins.

A2
Please add the following new claims:

45. (Added) The oligomeric structure according to claim 1, wherein the structure does not contain an exogenously added crosslinking agent.

46. (Added) The oligomeric structure according to claim 1, wherein the structure is neurotoxic.

Please cancel claims 4-10 and 12-44.